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**PHOTOGRAPHIC INTERPRETATION REPORT**



25X1C

**AUGUST SUMMARY REPORT**

**SELECTED TARGETS  
NORTH VIETNAM AND LAOS**

NPIC/R-326/65  
OCTOBER 1965

DECLASS REVIEW by NIMA/DOD

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GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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WARNING

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## **PREFACE**

This report provides a summary of photographic interpretation of selected COMOR targets and other targets in North Vietnam and Laos considered significant by the National Photographic Interpretation Center (NPIC).

Each installation report includes target name, geographic coordinates, WAC number, BE number (as appropriate), and NPIC number followed by the locator line, COMOR target number (as appropriate), and summary description suitable for the most recent mission included.

The date, mission number, photo reference data, and limiting conditions are given for each mission with OB information (as appropriate) listed directly above.

Only AAA defenses considered to be integral components of an installation are reported. They are divided

into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37mm), medium (57mm, 85mm), and heavy (100mm and larger). The term HMGAA (heavy machine gun anti-aircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated (Ex.: 6-gun AAA site, occupied/unoccupied).

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by WAC number, and 4) within the WAC number by geographic coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR target numbers, and abbreviations for limiting conditions concludes the report.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>MISSILES</p> <p>HANOI SAM SITE B17-2 15 NM SSE OF HANOI AT UTM WH948982.</p> <p>[REDACTED]</p> <p>SITE CONTAINS 6 LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED MISSILE HOLD POSITIONS.</p> <p>NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.</p> <p>[REDACTED]</p> <p>HANOI SAM SITE B21-2 11 NM SW OF HANOI AT UTM WJ786072.</p> <p>[REDACTED]</p> <p>COMPLETED SITE CONSISTS OF 6 LAUNCH REVETMENTS, A CENTRAL GUIDANCE REVETMENT, AND 3 MISSILE HOLD REVETMENTS.</p> <p>NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.</p> <p>[REDACTED]</p> <p>HANOI SAM SITE A17-2 9.5 NM SSE OF HANOI RR YARD AT UTM WJ945081.</p> <p>[REDACTED]</p> <p>SITE IN EARLY STAGE OF CONSTRUCTION CONSISTS OF 6 LAUNCH POSITIONS, A GUIDANCE POSITION, AND AT LEAST 1 MISSILE HOLD POSITION IN A POSSIBLE LINK CONFIGURATION.</p> <p>NO MISSILE-ASSOCIATED OR CONSTRUCTION EQUIPMENT OBSERVED.</p> <p>[REDACTED]</p> <p>HANOI SAM SITE B25-2 14.5 NM SW OF HANOI AT UTM WJ641127.</p>			25X1A	
	2047N 10554E	0616		114-G
	2051N 10545E	0616		114-H
	2052N 10554E	0616		266-D
	2054N 10536E	0616		266-E

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	[REDACTED] SITE CONTAINS 6 UNREVIEWED LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, 1 MISSILE HOLD POSITION, AND 2 PROBABLE MISSILE HOLD POSITIONS. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.			25X1A	
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE A19-2 6.6 NM SOUTH OF HANOI AT UTM WJ880140.	2055N 10550E	0616		266-F
25X1D	[REDACTED] SITE CONSISTS OF 6 REVIEWED LAUNCH POSITIONS (EACH OCCUPIED BY LAUNCHERS AND 1 WITH A POSSIBLE MISSILE TRANSPORTER) AND A POSSIBLY REVIEWED UNOCCUPIED GUIDANCE AREA. NO MISSILES OBSERVED.				
25X1A	HANOI SAM SITE B12-2 13 NM ESE OF HANOI AT UTM XJ111165.	2056N 10604E	0616		312-A
25X1D	[REDACTED] COMPLETED SITE CONTAINS 6 LAUNCH POSITIONS, 3 MISSILE HOLD REVIEWMENTS, AND A CENTRAL GUIDANCE REVIEWMENT IN LINK CONFIGURATION. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.				
25X1A	YEN BAI SAM SITE A31-2 2.2 NM NW OF YEN BAI AT UTM VK847017.	2143N 10451E	0616		147-C
	[REDACTED] SITE APPEARS COMPLETED AND CONSISTS OF 6 UNREVIEWED LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, AND AT LEAST 2 HOLD POSITIONS. ALL POSITIONS AND THE INTERCONNECTING ROADS HAVE A MOTTLED APPEARANCE, APPARENTLY				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	CAMOUFLAGE. NO CABLE DITCHES, MISSILES, OR MISSILE- ASSOCIATED EQUIPMENT OBSERVED. BUILDINGS IMMEDIATELY NORTH OF SITE ARE BEING DISMANTLED.			25X1A	
25X1D	[REDACTED]			[REDACTED]	114-I
	HANOI SAM SITE A11-2 2.1 NM SE OF SE END OF NW/SE RUNWAY AT HANOI/GIA LAM AIRFIELD AND 4.8 NM ESE OF HANOI RR YARDS AT UTM WJ966233.	2100N 10555E	0616		
25X1A	[REDACTED] APPARENTLY COMPLETED SITE CONSISTS OF 6 RENETTED LAUNCH POSITIONS, A RENETTED CENTRAL GUIDANCE AREA, AND 3 MISSILE HOLD POSITIONS IN STAR CONFIGURATION. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.				
25X1D	[REDACTED]				
	HANOI SAM SITE A10-2 8 NM EAST OF HANOI AT UTM XJ018246.	2101N 10558E	0616		114-K
25X1A	[REDACTED] SITE CONSISTS OF 6 RENETTED LAUNCH POSITIONS AND A PARTIALLY RENETTED CENTRAL GUIDANCE POSITION IN PROBABLE STAR CONFIGURATION. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.				
25X1D	[REDACTED]				
	HANOI SAM SITE B29-2 11.4 NM WNW OF HANOI AT UTM WJ677300.	2104N 10539E	0616		462-K
25X1A	[REDACTED] SITE CONTAINS 6 RENETTED LAUNCH POSITIONS				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	(EACH OCCUPIED BY LAUNCHER WITH MISSILE AND 1 BY A MISSILE TRANSPORTER), AN UNREVIEWED CENTRAL GUIDANCE AREA WITH FAN SONG RADAR AND 8 ASSOCIATED VANS, AND 3 REVIEWED MISSILE HOLD POSITIONS (1 WITH 2 MISSILE TRANSPORTERS AND 1 WITH 1 MISSILE TRANSPORTER). AN ADDITIONAL MISSILE TRANSPORTER OBSERVED ON INTERCONNECTING ROAD. SITE IS IN LINK CONFIGURATION.				
25X1D	[REDACTED]			25X1A	
	HANOI SAM SITE A29-2 10 NM WNW OF HANOI AT UTM WJ709302.	2104N 10541E	0616		462-J
25X1A	[REDACTED]				
25X1	SITE CONTAINS 6 COMPLETED LAUNCH REVETMENTS IN LINK CONFIGURATION [REDACTED] THREE OF THE LAUNCH POSITIONS CONTAINED UNIDENTIFIED OBJECTS.				
25X1D	[REDACTED]				
	HANOI SAM SITE C28-2 20.5 NM WNW OF HANOI AT UTM WJ508319.	2105N 10529E	0616		114-J
25X1A	[REDACTED]				
	SITE CONSISTS OF 6 LAUNCH REVETMENTS, A CENTRAL GUIDANCE REVETMENT, 2 MISSILE HOLD REVETMENTS, AND 1 PROBABLE MISSILE HOLD POSITION. NO SERVICE ROADS HAVE BEEN CONSTRUCTED. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.				
25X1D	[REDACTED]				
	HANOI SAM SITE B30-2 12 NM WNW OF HANOI AT UTM WJ678347.	2106N 10539E	0616		462-L
25X1A	[REDACTED]				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, AND 2 MISSILE HOLD POSITIONS IN A STAR CONFIGURATION. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED. [REDACTED]	2110N 10522E	0616	25X1A [REDACTED]	200-B
25X1A	HANOI SAM SITE C29-2 28 NM WNW OF HANOI AT UTM WJ387414 AND 0.8 NM NW OF CAM DAI ARMY BARRACKS. [REDACTED]				
25X1D	SITE CONSISTS OF 6 COMPLETED LAUNCH REVETMENTS AND A COMPLETED CENTRAL GUIDANCE REVETMENT. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED. [REDACTED]	2111N 10559E	0616	[REDACTED]	206-E
25X1A	HANOI SAM SITE B04-2 13 NM NNE OF HANOI AT UTM XJ021436. [REDACTED]				
25X1D	SITE CONTAINS 6 LAUNCH REVETMENTS, A CENTRAL GUIDANCE REVETMENT, AND 3 REVETTED MISSILE HOLD POSITIONS. CONSTRUCTION IS COMPLETED. A NEW ROAD HAS BEEN CONSTRUCTED LEADING FROM SITE TO AN EMPTY REVETMENT 0.1 NM NE. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED. [REDACTED]	2113N 10521E	0616	[REDACTED]	200-C
25X1A	HANOI SAM SITE C30-2 30 NM WNW OF HANOI AT UTM WJ374461 JUST SOUTH OF PHU NHIEU BARRACKS AND STORAGE. [REDACTED]				
	SITE CONSISTS OF 6 LAUNCH REVETMENTS AND A CENTRAL GUIDANCE REVETMENT, ALL COMPLETED. CABLE TRENCHES EXTEND OUTWARD FROM THE CENTRAL GUIDANCE REVETMENT TO EACH LAUNCH REVETMENT.				

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25X1D

25X1A

25X1D

25X1D

25X1D

25X1A

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>DEBRIS REMAINS IN THE CENTRAL GUIDANCE AREA INDICATING PREVIOUS OCCUPANCY. FIVE OF THE LAUNCH REVETMENTS CONTAIN GROUND IMPRINTS IN A PATTERN THAT SUGGESTS THEY WERE FORMED BY A CRUCIFORM-SHAPED LAUNCH BASE.</p> <p>[REDACTED]</p> <p>HANOI SAM SITE D31-2 33.5 NM NW OF HANOI AT UTM WJ381611.</p> <p>[REDACTED]</p> <p>SITE FIRST OBSERVED ON 8 AUG 65 CONTAINED 6 PARTIALLY REVETTED LAUNCH POSITIONS OF IRREGULAR CONFIGURATION (EACH WITH A LAUNCHER WITH MISSILE), A CENTRAL GUIDANCE AREA WITH A FAN SONG RADAR AND 11 ASSOCIATED VANS (SOME PARTIALLY CAMOUFLAGED), AND 2 TENTS. ROAD NETWORK WITHIN SITE WAS PARTIALLY COVERED WITH MATTING.</p> <p>[REDACTED] ALL MISSILES AND MISSILE-ASSOCIATED EQUIPMENT HAD BEEN REMOVED.</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>AIR INSTALLATIONS</p> <p>DO SON AIRFIELD 0.4 NM EAST OF DO SON.</p> <p>[REDACTED]</p> <p>3,600 X 150 FT N/S SOD RUNWAY, UNSERVICEABLE, APPARENTLY ABANDONED. PARKING REVETMENTS ON WEST SIDE OF RUNWAY ARE DETERIORATING. APPARENTLY UNOCCUPIED FACILITIES ON EAST SIDE OF RUNWAY INCLUDE 2 LARGE HANGARS AND</p>	<p>2121N 10522E</p> <p>2042N 10648E</p>	<p>0616</p> <p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p> <p>25X1A</p> <p>[REDACTED]</p>	<p>378-A</p> <p>106</p>

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	SEVERAL BARRACKS. SEVERAL BUILDINGS AT SOUTH END OF FIELD HAVE BEEN RAZED. TWO PROBABLY ABANDONED POL TANKS OBSERVED 1,000 FT SSW OF SOUTH END OF RUNWAY. AIRCRAFT -- NONE OBSERVED. <div></div>	2048N 10636E	0616	25X1A <div></div>	109-B
25X1A	HAIPHONG/KIEN AN AIRFIELD 5 NM SW OF HAIPHONG. <div></div> 5,900 X 80 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE PARALLEL TAXIWAY TO THE SOUTH WITH 2 END-CONNECTING AND 4 CROSSOVER LINKS, 2 PARKING APRONS, AND 30 PARKING REVETMENTS. NEW GRADING ACTIVITY OBSERVED AT NE END OF RUNWAY ON THE OVERRUN AREA. RUNWAY MAY BE EXTENDED APPROXIMATELY 600 FT AT THIS END, HOWEVER, NO NEW RUNWAY BED IS OBSERVED. AIRCRAFT -- 4 CAB AND 1 COLT.				
25X1D	<div></div> AIRCRAFT -- NONE OBSERVED.	2049N 10643E	0616	25X1A <div></div>	109-A
25X1D	HAIPHONG/CAT BI AIRFIELD 3.5 NM SE OF HAIPHONG.				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	<div>[REDACTED]</div> <p>7,700 X 190 FT ENE/WSW CONCRETE RUNWAY, SERVICEABLE. FORMER NNW/SSE CONCRETE RUNWAY IS NOW USED AS A PARKING APRON. FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 2 END-CONNECTING AND 3 CROSSOVER LINKS, A PARKING APRON TO THE NORTH, 2 LARGE AND 1 SMALL HANGAR, A CONTROL TOWER/OPERATIONS BUILDING, APPROXIMATELY 40 ASSOCIATED BUILDINGS, AT LEAST 24 OLD AIRCRAFT REVETMENTS, 8 NEW AIRCRAFT REVETMENTS (WITH EXHAUST VENTS/PERSONNEL EXIT SLITS), AND A POL STORAGE AREA 0.4 NM NORTH CONTAINING 3 LARGE BURIED TANKS.</p>				
25X1D	AIRCRAFT -- 1 CAB, 1 COLT, AND 6 MAX/MOOSE				
25X1D	<div>[REDACTED]</div> <p>AIRCRAFT -- NONE OBSERVED.</p>				
25X1D	<div>[REDACTED]</div>				
25X1D	AIRCRAFT -- 3 CAB, 1 COLT, AND 4 POSSIBLE MAX.				
25X1D	<div>[REDACTED]</div>				
25X1D	AIRCRAFT -- NONE OBSERVED.				
25X1D	<div>[REDACTED]</div>				
25X1D	AIRCRAFT -- 2 CAB.				
25X1D	<div>[REDACTED]</div>				
25X1	AIRCRAFT -- NONE OBSERVED				
25X1	<div>[REDACTED]</div>				

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25X1A

25X1D

25X1A

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
NGHIA LO AIRFIELD SW EDGE OF NGHIA LO. [REDACTED] 2,000 X 130 FT NNE/SSW GRADED EARTH RUNWAY WITH 3 BOMB CRATERS ON WESTERN END, PROBABLY SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]	2136N 10430E	0616	25X1A	133-A
			[REDACTED]	
HANOI/BAC MAI AIRFIELD 2.1 NM SSW OF HANOI CLASSIFICATION YARD. [REDACTED] 4,100 X 110 FT NW/SE CONCRETE AND ASPHALT RUNWAY, SERVICEABLE. FACILITIES INCLUDE A LARGE AND 3 MEDIUM HANGARS, 1 LARGE HANGAR APRON, 1 PARKING APRON, A PARALLEL NATURAL SURFACE TAXIWAY WITH 3 CROSSOVER LINKS, AND A LOOP TAXIWAY CONNECTING THE AIRFIELD WITH THE HANGAR AND PARKING APRONS. SUPPORT FACILITIES INCLUDE A BARRACKS AREA, AN ADMINISTRATION AREA, AND A PERSONNEL HOUSING AREA. A FORMER AIRCRAFT DISPERSAL AREA, JUST WEST OF THE NW END OF THE RUNWAY, HAS BEEN CONVERTED TO A MILITARY-TYPE INSTALLATION. THE 23 FORMER AIRCRAFT REVETMENTS CONTAIN BUILDINGS AND SHEDS. AT LEAST 30 UNIDENTIFIED	2100N 10550E	0616	25X1A	112-E

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	PIECES OF EQUIPMENT OBSERVED SCATTERED ALONG BOTH SIDES OF RUNWAY. AIRCRAFT -- NONE OBSERVED. [REDACTED]	2123N 10640E	0616	25X1A	397
25X1A	KEP HA AIRFIELD 3 NM EAST OF KEP HA. [REDACTED] 2,550 X 100 FT NE/SW PACKED EARTH RUNWAY, SERVICEABLE. FACILITIES INCLUDE A PARALLEL TAXIWAY, A NEWLY CONSTRUCTED TAXIWAY SSE OF RUNWAY, AND A SUPPORT AREA IMMEDIATELY WEST OF THE RUNWAY CONTAINING 4 BUILDINGS AND A WEATHER STATION. AN ADDITIONAL SUPPORT AREA APPROXIMATELY 2,000 FT WEST OF THE RUNWAY CONSISTS OF 7 SUPPORT BUILDINGS ALONG 2 LOOP ROADS. FIFTEEN AIRCRAFT REVETMENTS OBSERVED. AIRCRAFT -- 2 CAB, 7 COLT, AND 3 MAX/MOOSE.			[REDACTED]	
25X1D	[REDACTED] -- AIRCRAFT -- 1 CAB, 2 PROBABLE CAB, 7 COLT, AND 3 MAX/MOOSE.				
25X1D	[REDACTED] AIRCRAFT -- 3 COLT.	2150N 10646E	0616	25X1A	119-A
25X1A	LANG SON AIRFIELD 1 NM SE OF LANG SON. [REDACTED] APPROXIMATELY 3,500 X 150 FT SOD RUNWAY, SERVICEABLE, WITH LANDING LIGHTS. FIVE NEW AIRCRAFT REVETMENTS ON EAST SIDE (3			[REDACTED]	

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>COMPLETE, 2 IN LATE STAGES OF CONSTRUCTION) AND 4 NEW REVETMENTS ON WEST SIDE (2 COMPLETE, 2 IN EARLY STAGES OF CONSTRUCTION). A SUPPORT AREA 0.3 NM WEST OF SSE END OF RUNWAY CONTAINS 1 L-SHAPED ADMINISTRATION, 2 BARRACKS, AND 6 STORAGE/SUPPORT BUILDINGS, A WEATHER STATION, AND PERSONNEL TRENCHES. AIRCRAFT -- 3 CAB AND 5 PROBABLE ZLIN TRENER.</p> <p>25X1D</p> <p>25X1D</p> <p>AIRCRAFT -- 3 CAB AND 5 PROBABLE ZLIN TRENER.</p> <p>25X1D</p> <p>25X1D</p> <p>AIRCRAFT -- 3 CAB AND 5 PROBABLE ZLIN TRENER.</p> <p>25X1D</p> <p>25X1D</p> <p>AIRCRAFT -- 3 CAB, 3 PROBABLE COLT AND 5 PROBABLE ZLIN TRENER.</p> <p>25X1D</p> <p>AIRCRAFT -- 3 CAB, 6 COLT, AND 2 ZLIN TRENER.</p> <p>25X1D</p> <p>VINH AIRFIELD 3.5 NM NORTH OF VINH.</p> <p>25X1A</p> <p>6,400 X 190 FT N/S LATERITE RUNWAY, UNSERVICEABLE. FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1 CROSSOVER LINK, 2 ALERT APRONS, A PARKING APRON, 13 REVETTED PARKING PADS, A CONTROL TOWER/OPERATIONS BUILDING, AND SEVERAL</p>				
	1843N 10540E	0617	25X1A	128-A

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[Redacted]

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>MAINTENANCE/SUPPORT BUILDINGS. AIRFIELD SUBJECTED TO AIRSTRIKE. APPROXIMATELY 40 BOMB CRATERS OBSERVED ON AND ADJACENT TO NORTH END OF RUNWAY. AIRCRAFT -- NONE OBSERVED.</p> <p>[Redacted]</p>				
<p>BAI THUONG AIRFIELD U/C 1.5 NM SOUTH OF HAI TRACH AND IMMEDIATELY SOUTH OF BAI THUONG ARMY BKS NE AT UTM WH480005. APPROXIMATELY 6,600 X 200 FT N/S RUNWAY UNDER CONSTRUCTION. NO FACILITIES, VEHICLES, OR AIRCRAFT OBSERVED.</p> <p>[Redacted]</p>	1953N 10528E	0617	25X1A [Redacted]	150-A

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED]				
	MILITARY INSTALLATIONS			25X1A	
25X1A	HON GAY NAVAL BASE & SHIP REPAIR YARD BAI CHAY IMMEDIATELY NORTH OF BAI CHAY AND 1 NM NW OF HON GAY AT UTM YJ148193. [REDACTED] FACILITIES INCLUDE 2 MULTISTORY BARRACKS, 1 T-SHAPED ADMINISTRATION, 4 PROBABLE STORAGE, AND 14 PROBABLE MAINTENANCE/REPAIR BUILDINGS, A SMALL MARINE RAILWAY, AND A SMALL T-HEAD PIER. VESSELS -- 1 FREIGHTER.	2058N 10704E	0615	[REDACTED]	109-B
25X1D	[REDACTED] VESSELS -- NONE OBSERVED.				
25X1D	[REDACTED]				
25X1A	MOC CHAU MILITARY INSTALLATIONS THREE MILITARY AREAS REFERENCED FROM INTERSECTION OF ROUTES 68 AND 6. [REDACTED] AREA A (0.3 NM NW AT UTM WJ603058) -- 7 BARRACKS, 3 ADMINISTRATION, 8 STORAGE, 4 PARTIALLY DESTROYED, AND 16 MISCELLANEOUS BUILDINGS. AREA B (0.1 NM SOUTH AT UTM VJ606052) -- 7 BARRACKS, 4 ADMINISTRATION, 6 STORAGE, AND 8	2050N 10437E	0616		122



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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MISCELLANEOUS BUILDINGS. AREA C (0.4 NM EAST AT UTM VJ613054) -- 1 PARTIALLY DISMANTLED VEHICLE SHED, 3 STORAGE/ MAINTENANCE, AND 4 MISCELLANEOUS BUILDINGS. <div></div>	2050N 10441E	0616	25X1A	145
BAN XOM LOM BARRACKS & HQ 335TH INF BRIGADE FIVE AREAS REFERENCED FROM BAN XOM LOM. <div></div>				
AREA A (0.5 NM SW AT UTM VJ714017) -- 16 BARRACKS-TYPE, 2 ADMINISTRATION, 3 STORAGE (1 DESTROYED), 1 MESSHALL, AND APPROXIMATELY 20 MISCELLANEOUS BUILDINGS. AREA B (AT BAN XOM LOM AT UTM VJ720022) -- 88 BARRACKS-TYPE, 6 ADMINISTRATION, 33 STORAGE (30 DESTROYED), 10 SECURED PROBABLE AMMUNITION STORAGE, 4 MESSHALL, AND NUMEROUS ASSOCIATED BUILDINGS. AREA C (0.5 NM SE AT UTM VJ726017) -- 5 BARRACKS-TYPE, 1 ADMINISTRATION, 1 MESSHALL, AND 20 MISCELLANEOUS BUILDINGS. AREA D (1 NM EAST AT UTM VJ739022) -- 30 BARRACKS-TYPE (8 DESTROYED), 2 ADMINISTRATION, 2 STORAGE, 1 MESSHALL, AND APPROXIMATELY 10 MISCELLANEOUS BUILDINGS. AREA E (1.8 NM NW AT UTM VJ694056) -- 9 STORAGE AND 3 MISCELLANEOUS BUILDINGS. <div></div>				

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED]			25X1A	
	BAN XOM LOM ARMY BARRACKS WEST 2 NM WNW OF BAN XOM LOM AT UTM VJ670038.	2050N 10441E	0616	[REDACTED]	145-A
25X1A	[REDACTED]				
	DISPERSED AREA CONTAINS APPROXIMATELY 75 BARRACKS/STORAGE, 2 ADMINISTRATION, NUMEROUS SMALL SUPPORT, AND 33 DESTROYED BUILDINGS.				
25X1D	[REDACTED]			25X1A	
	HOAI AN AMMUNITION DEPOT 1 NM NNE OF HOAI AN.	2026N 10533E	0616	[REDACTED]	490
25X1A	[REDACTED]				
	AT LEAST 5 BUILDINGS REMAIN. NUMEROUS BOMB CRATERS OBSERVED. HEAVY GROUND SCARRING OBSERVED IN OPEN AREA 1 NM EAST OF DEPOT.				
25X1D	[REDACTED]			25X1A	
	HAIPHONG AMMUNITION DEPOT KIEN AN SW PUG 3.8 NM SW OF HAIPHONG AND 1.5 NM ENE OF HAIPHONG/KIEN AIRFIELD.	2048N 10638E	0616	[REDACTED]	109-G
25X1A	[REDACTED]				
	FENCED AREA CONTAINS 42 REVETTED STORAGE				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	BUILDINGS, 13 STORAGE REVETMENTS, APPROXIMATELY 25 MISCELLANEOUS BUILDINGS				
25X1D	[REDACTED]				
25X1D	CONSTRUCTION APPEARS TO BE CONTINUING. PREVIOUSLY REPORTED BUILDINGS UNDER CONSTRUCTION OBSCURED BY HEAVY HAZE.				
25X1D	[REDACTED]			25X1A	
25X1A	DIEN BIEN PHU HQ 316 INFANTRY BRIGADE ELEVEN SMALL MILITARY AREAS REFERENCED FROM CENTER OF DIEN BIEN PHU AIRFIELD.	2119N 10301E	0616	[REDACTED]	105-A
25X1A	[REDACTED] AREA A (1.2 NM NNW AT UTM TJ928685) -- 4 BARRACKS, 1 PARTIALLY DISMANTLED, AND NUMEROUS COMPLETELY DISMANTLED BUILDINGS. AREA B (1.2 NM NW AT UTM TJ917679) -- 6 BARRACKS, 1 ADMINISTRATION, 2 STORAGE (1 WITH MONITOR ROOF), AND 4 MISCELLANEOUS BUILDINGS. AREA C (0.7 NM NE AT UTM TJ947677) -- AREA BOMBED, ONLY 6 BUILDINGS REMAIN. SEVENTEEN BUILDINGS WERE DESTROYED, 4 DAMAGED, AND 16 DISMANTLED. AREA D (1.1 NM ENE AT UTM TJ957677) -- 12 BARRACKS, 3 ADMINISTRATION, 3 PROBABLE AMMUNITION STORAGE, 2 VEHICLE MAINTENANCE, 2 MESSHALL, AND 10 MISCELLANEOUS SUPPORT BUILDINGS (3 DESTROYED). AREA E (0.3 NM SOUTH AT UTM TJ938659) -- AREA COMPLETELY DESTROYED. AREA F (0.5 NM EAST AT UTM TJ947655) -- 2 LARGE AND 3 SMALL ADMINISTRATION, 3 MESSHALL (1 DISMANTLED), 1 LARGE STORAGE, NUMEROUS SMALL SUPPORT, AND 7 DISMANTLED SUPPORT				

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	BUILDINGS. TWENTY-EIGHT OTHER BUILDINGS WERE DESTROYED, 20 DAMAGED, AND 1 DISMANTLED. AREA G (1 NM ESE AT UTM TJ957660) -- 12 BARRACKS, 3 ADMINISTRATION, 2 MESSHALL, 10 SUPPORT (3 DESTROYED) AND 5 DISMANTLED SUPPORT BUILDINGS. TRAINING FACILITIES CONSIST OF 1 LIGHT 4-GUN AAA SITE, OCCUPIED. AREA H (0.8 NM SSE AT UTM TJ947655) -- 15 BARRACKS, 2 ADMINISTRATION, 1 VEHICLE MAINTENANCE, 1 MESSHALL, 12 MISCELLANEOUS SUPPORT, AND 6 DISMANTLED SUPPORT BUILDINGS REMAIN. TEN BUILDINGS WERE DESTROYED AND 20 DAMAGED. AREA I (1.6 NM SSE AT UTM TJ938637) -- 10 BARRACKS, 2 ADMINISTRATION, 45 MISCELLANEOUS SUPPORT, AND 7 DISMANTLED BUILDINGS. AREA J (AT DIEN BIEN PHU AT UTM TJ939627) -- 20 BARRACKS, 8 ADMINISTRATION, 12 STORAGE, AND 33 SUPPORT BUILDINGS. SEVENTY BUILDINGS WERE DESTROYED, 29 DAMAGED, AND 7 DISMANTLED.				
25X1D				25X1A	
	YEN SON AMMUNITION DEPOT 3.2 NM EAST OF PAU HIEN AT UTM WK130030.	2135N 10459E	0616		464
25X1A	IRREGULARLY-SHAPED FENCED AREA CONTAINS 24 REVETTED DISPERSED STORAGE BUILDINGS (3 DESTROYED AND 7 DAMAGED). AN ADJACENT SUPPORT AREA CONTAINS 1 DAMAGED ADMINISTRATION-TYPE AND 6 STORAGE/SUPPORT BUILDINGS (1 DESTROYED).				
25X1D				25X1A	
	NGHIA LO ARMY BARRACKS IN NGHIA LO VICINITY.	2136N 10430E	0616		133-B

25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	<div data-bbox="134 972 381 1018"></div> <p>FOUR ASSOCIATED BARRACKS AREAS REFERENCED FROM NGHIA LO.                      AREA A (IMMEDIATELY SW AT UTM VJ487884) -- APPROXIMATELY 40 BARRACKS AND 5 ADMINISTRATION-TYPE BUILDINGS.                      AREA B (0.5 NM SE AT UTM VJ499879) -- APPROXIMATELY 40 BARRACKS, 1 U-SHAPED ADMINISTRATION, AND APPROXIMATELY 45 STORAGE/ SUPPORT BUILDINGS.                      AREA C (1 NM SSW AT UTM VJ485870) -- 7 BARRACKS AND 4 SUPPORT BUILDINGS.                      AREA D (4.5 NM SE AT UTM VJ566844) -- 6 PROBABLE BARRACKS (1 PARTIALLY DISMANTLED) AND 1 ADMINISTRATION BUILDING.</p>				
25X1D	<div data-bbox="123 1386 878 1604"></div>				
25X1A	<p>LANG SON ARMY BARRACKS                      TWO MILITARY AREAS IN LANG SON VICINITY.</p> <div data-bbox="134 1680 427 1705"></div> <p>AREA A (UTM XK818163) -- IRREGULARLY-SHAPED AREA CONTAINS APPROXIMATELY 140 BARRACKS/ STORAGE, 7 ADMINISTRATION, AND NUMEROUS SMALL SUPPORT BUILDINGS. A PROBABLE AMMUNITION STORAGE AREA 2 NM SE CONTAINS 10 WIDELY DISPERSED STORAGE BUILDINGS. A VEHICLE DISPERSAL AREA AT UTM XK813170 CONTAINS 10-20 TRUCKS.</p>	2150N 10645E	0616	25X1A <div data-bbox="1263 1619 1383 1680"></div>	119-C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D  AREA B (UTM XK825170) -- IRREGULAR-SHAPED AREA CONTAINS APPROXIMATELY 60 BARRACKS/STORAGE, 5 ADMINISTRATION, 1 LARGE E-SHAPED PROBABLE HOSPITAL, AND NUMEROUS SMALL SUPPORT BUILDINGS.  	1742N 10629E	0617		
25X1A  QUANG KHE NAVAL BASE CUU DINH THREE SEPARATE AREAS ON THE NORTH AND SOUTH BANKS OF SONG GIANG (RIVER).  			25X1A	288
25X1D  AREA A (ON NORTH BANK OF RIVER AT UTM XE570582) -- 1 T-HEAD PIER, 3 BARRACKS, 1 ADMINISTRATION, AND 4 SUPPORT BUILDINGS HAVE BEEN DAMAGED OR DESTROYED BY AIRSTRIKE. A BOAT REPAIR FACILITY WEST OF INSTALLATION CONTAINS 1 WINCH HOUSE AND A DAMAGED MARINE RAILWAY. AREA B (ON SOUTH BANK AT UTM XE574575) -- 1 L-SHAPED AND 2 SMALL FINGER PIERS. SIX BARRACKS, 2 ADMINISTRATION BUILDINGS, 1 MESSHALL, 4 SUPPORT BUILDINGS, AND 2 BOAT SHELTERS HAVE BEEN DESTROYED. THREE BARRACKS, 18 BARRACKS/STORAGE (11 DAMAGED), 1 ADMINISTRATION, 1 LARGE VEHICLE MAINTENANCE, AND 26 SMALL SUPPORT BUILDINGS REMAIN. AREA C (JUST EAST OF AREA B AT UTM XE582574) -- 11 BARRACKS, 1 STORAGE-TYPE, 1 MESSHALL, AND 8 SMALL SUPPORT BUILDINGS. VESSELS -- NONE OBSERVED.  				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED] VESSELS -- 1 YP (POSSIBLE WHAMPOA).	1743N 10626E	0617	25X1A [REDACTED]	102-D
25X1D	[REDACTED] VESSELS -- NONE OBSERVED.				
25X1D	[REDACTED] BA DON NAVAL BASE 2 NM SE OF BA DON, ON EAST BANK RAO NAY (RIVER).				
25X1A	[REDACTED] FACILITIES INCLUDE VERY MINOR SUPPORT FACILITIES AND ONE 8-GUN MEDIUM AAA SITE, UNOCCUPIED. PIER AREA HAS BEEN RAZED AND ONLY THE HEAD OF SMALL T-PIER REMAINS. VESSELS -- 1 PARTIALLY SUBMERGED SWATOW.	1710N 10720E	0617	25X1A [REDACTED]	354
25X1D	[REDACTED] HON GIO MILITARY BARRACKS AREA ILE DU TIGRE SW END OF ILE DU TIGRE.				
25X1A	[REDACTED] FORMER BARRACKS AREA ON SOUTHERN PORTION OF ISLAND CONTAINS ONLY BUILDING FOUNDATIONS AND NUMEROUS BOMB CRATERS.				

25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	EXTENSIVE TRENCH SYSTEM OVERLOOKS BEACH ON THE EASTERN SIDE OF THE ISLAND. [REDACTED]			25X1A	
25X1A	BAI DUC THON CONVOY STAGING AREA AT BAI DUC THON ON ROUTE 12 AT UTM WE901953. [REDACTED] PREVIOUSLY REPORTED BUILDINGS IN CONVOY STAGING AREA HAVE BEEN RAZED AND ONLY SCARS REMAIN. NO VEHICLES OBSERVED. [REDACTED]	1802N 10550E	0617	[REDACTED]	242-B
25X1D	[REDACTED]				
25X1A	VINH MILITARY INSTALLATIONS FIVE MILITARY INSTALLATIONS IN VINH AREA. [REDACTED]	1840N 10541E	0617		128-B
25X1A	AREA A (IN VINH AT UTM WF710643, VINH ARMY BKS CITADEL, [REDACTED] -- 25 BARRACKS-TYPE, 7 ADMINISTRATION, 13 STORAGE, 3 MESSHALL, AND APPROXIMATELY 30 MISCELLANEOUS BUILDINGS.				
25X1A	AREA B (0.9 NM NW OF VINH CITADEL AT UTM WF700655, VINH HQ MIL REGION IV, [REDACTED] 27 BARRACKS, 12 ADMINISTRATION, 8 STORAGE, 2 MESSHALL, 1 MAINTENANCE, AND APPROXIMATELY 25 MISCELLANEOUS BUILDINGS.				
25X1A	AREA C (1.5 NM NW OF VINH AT UTM WF696664, VINH ARMY BKS NW, [REDACTED] -- 13				

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25X1C

25X1A  
25X1A

25X1D

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
BARRACKS, 2 ADMINISTRATION/SUPPORT, 2 STORAGE, AND 1 MESSHALL BUILDING AND APPROXIMATELY 10 MISCELLANEOUS SHEDS. AREA D (1.5 NM EAST OF VINH AT UTM WF646664, VINH ARMY SUPPLY DEPOT EAST, [REDACTED]) [REDACTED] - 18 BUILDINGS DESTROYED AND 35 BUILDINGS DAMAGED. NO RECONSTRUCTION NOTED. AREA E (2 NM ENE OF VINH AT UTM WF742658) -- BARRACKS AREA CONTAINS 10 BARRACKS, 1 LARGE PROBABLE ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS. AREA ADJACENT ON NW CONTAINS 2 MULTISTORY, 1 SINGLE-STORY, AND 2 BUILDINGS UNDER CONSTRUCTION. AREA F (2.3 NM EAST OF VINH AT UTM WF749676) -- BARRACKS AREA CONTAINS 9 BARRACKS, 1 MESSHALL, 8 SUPPORT (1 BEING DISMANTLED), AND SEVERAL MISCELLANEOUS BUILDINGS. AREA G (AT HAI YEN, UTM WF797744) -- NEW AREA CONSISTS OF 1 T-HEAD PIER, CAMP AREA NORTH OF PIER CONTAINING APPROXIMATELY 100 TENTS AND TENT BASES, 2 ADMINISTRATION, 5 STORAGE/SUPPORT, AND 3 OTHER BUILDINGS, AND AN OPEN STORAGE AREA. [REDACTED]				

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25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<div></div> <p>PHUC LOI NAVAL BASE 6.3 NM NE OF VINH AT PHUC LOI (UTM WF785707).</p>	1844N 10545E	0617	25X1A	128-M
25X1A					
	<p>TARGET HAS BEEN SUBJECTED TO AIR STRIKE. FACILITIES INCLUDE A T-HEAD PIER, 1 FINGER PIER WITH PONTON WHARF, 2 DAMAGED MARINE RAILWAYS, 1 LARGE SEVERELY DAMAGED BARRACKS, 18 STORAGE/SUPPORT BUILDINGS (13 DESTROYED, 1 SEVERELY DAMAGED), A POL STORAGE AREA, AND AN AMMUNITION STORAGE AREA WITH 4 REVETTED BUILDINGS. VESSELS -- NONE OBSERVED.</p>				
25X1D	<div></div> <p>PHU VAN AMMUNITION DEPOT EAST 2 NM SE OF PHU VAN AT UTM WF332820.</p>	1850N 10519E	0617	25X1A	306-O
25X1A					
	<p>AREA HAS BEEN SUBJECTED TO AIR STRIKE. THREE BUILDINGS REMAIN INTACT. NUMEROUS BOMB CRATERS OBSERVED.</p>				

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25X1C

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED]			25X1A	
25X1A	PHU VAN AMMUNITION DEPOT NORTHEAST 2.7 NM ENE OF PHU VAN AT WF345841. [REDACTED] DEPOT HAS BEEN SUBJECTED TO AIR STRIKE. NO BUILDINGS REMAIN.	1850N 10519E	0617	[REDACTED]	306-P
25X1D	[REDACTED]				
25X1A	PHU QUI AMMUNITION DEPOT SOUTHWEST 3 NM SW OF PHU QUI. [REDACTED] FENCED DEPOT CONTAINS 26 DISPERSED CAMOUFLAGED STORAGE (5 DESTROYED, 10 HEAVILY DAMAGED, AND 11 POSSIBLY DAMAGED), 2 SUPPORT, AND 3 SMALLER DESTROYED BUILDINGS. SUPPORT AREA TO THE EAST CONTAINS APPROXIMATELY 30 BUILDINGS (3 HEAVILY DAMAGED). A SMALL SUPPORT AREA IMMEDIATELY WEST AND ADJACENT TO THE DEPOT CONTAINS APPROXIMATELY 15 DESTROYED BUILDINGS. A SECURED AREA JUST SOUTH OF THE DEPOT CONTAINS 4 LIGHTLY DAMAGED BUILDINGS.	1918N 10520E	0617	[REDACTED]	291-C
25X1D	[REDACTED]				
25X1D	[REDACTED]				

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25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
INDUSTRY  THAI NGUYEN IRON AND STEEL COMBINE 2 NM SSE OF THAI NGUYEN.  CONSTRUCTION CONTINUES ON ROAD- AND RAIL- SERVED IRON AND STEEL PLANT WITH LIMITED PRODUCTION CAPABILITY. COMBINE IS SEGMENTED INTO 6 INTERCONNECTED AREAS AS FOLLOWS -- AREA A (ON WESTERN EDGE OF COMBINE) -- WAREHOUSE AND TRANSSHIPMENT AREA CONTAINS 20 LARGE M-ROOF WAREHOUSES, NUMEROUS SMALLER BUILDINGS, AND OPEN STORAGE. AREA B (IN SW SECTION OF COMBINE) -- ORE CONCENTRATION AREA CONTAINS 1 LARGE MONITOR- ROOF FURNACE BUILDING WITH 2 STACKS AND 6 MEDIUM ORE PREPARATION BUILDINGS CONNECTED BY CONVEYORS, APPROXIMATELY 5 SMALL BUILDINGS, AND OPEN PROBABLE ORE STORAGE. A CAR AND LOCOMOTIVE REPAIR FACILITY IMMEDIATELY SOUTH ON SOUTH EDGE OF COMBINE CONTAINS 3 LARGE BUILDINGS (2 MONITOR-ROOF). AREA C (IN SOUTH CENTRAL SECTION OF COMBINE) -- FORGE, FOUNDRY, AND MACHINE SHOP AREA CONTAINS 9 BUILDINGS (3 MONITOR-ROOF). AN ADMINISTRATION AREA CONTAINING 3 LARGE MULTISTORY MULTIWING BUILDINGS AND 10 OTHER BUILDINGS IS IMMEDIATELY SOUTH ON SOUTH EDGE OF COMBINE. A LARGE PROBABLE SUPPORT AREA, IN EARLY STAGE OF CONSTRUCTION, IS IMMEDIATELY NORTH. AREA D (ON EAST EDGE OF COMBINE) -- ROLLING MILL AREA IN EARLY STAGE OF DEVELOPMENT CONTAINS 1 LARGE ROLLING MILL UNDER	2134N 10552E	0616	25X1A	242-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>CONSTRUCTION AND APPROXIMATELY 15 OTHER BUILDINGS.</p> <p>AREA E (ON NE EDGE OF COMBINE) -- BLAST FURNACE/OPEN HEARTH AREA CONTAINS 1 LARGE OPEN HEARTH FURNACE BUILDING WITH 2 SMOKE STACKS, 1 LARGE STEAMPLANT, 1 LARGE STRIPPING AND INGOT STORAGE BUILDINGS, 3 BLAST FURNACES, AND APPROXIMATELY 20 OTHER BUILDINGS.</p> <p>AREA F (IN NORTH CENTRAL SECTION OF COMBINE) -- COAL AND LIMESTONE PREPARATION AREA CONTAINS A LARGE OPEN COAL STORAGE AREA, COKING OVENS, A COKE BYPRODUCTS PLANT, A COAL PREPARATION FACILITY INCLUDING 1 LARGE BUILDING WITH AN ADJACENT SMOKESTACK AND APPROXIMATELY 10 SMALL BUILDINGS, AND A LIMESTONE PREPARATION AREA INCLUDING 1 LARGE BUILDING. A CONSTRUCTION SUPPORT AREA CONTAINING 9 BUILDINGS (7 M-ROOF), NUMEROUS SMALL BUILDINGS, AN OPEN STORAGE AREA, AND A WATER SETTLING POND ARE IMMEDIATELY NORTH OF THE FACILITY.</p> <p>[REDACTED]</p>				
25X1D				
BASIC SERVICES			25X1A	
HAIPHONG THERMAL POWERPLANT	2051N 10641E	0616		109-0
ON SOUTH BANK OF THE CUA CAM (ESTUARY), 1.9 NM NE OF HAIPHONG AT UTM XJ782086.				
25X1A				
FACILITIES INCLUDE A T-SHAPED BOILERHOUSE/ GENERATOR HALL WITH 2 SMALL STACKS, APPARENTLY SERVING LOCAL INDUSTRY.				
25X1D				
[REDACTED]				

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25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>VINH RAILROAD YARD U/C 1.2 NM NNW OF VINH.</p> <p>AREA A (UTM WF700670) -- A TURNING WYE, WHICH TERMINATES IN A CONCRETE LOCOMOTIVE REVETMENT, 3 COMPLETED SPURS, 1 SPUR UNDER CONSTRUCTION, A LOADING RAMP, AND 3 SUPPORT/STORAGE BUILDINGS. A LARGE TERMINAL BUILDING IS UNDER CONSTRUCTION AT UTM WF702662 AT TERMINUS OF A NEW RAIL SPUR.</p> <p>AREA B (UTM WF704665) -- 3 LARGE POSSIBLE STORAGE, 1 DESTROYED, AND APPROXIMATELY 5 MISCELLANEOUS SMALL BUILDINGS.</p> <p>AREA C (UTM 2F702660) -- TRANSSHIPMENT AREA CONNECTED TO ROUTE 1 BY PRIMARY ROAD HAS BEEN SEVERELY DAMAGED WITH 1 LARGE BUILDING PROBABLY DAMAGED AND SEVERAL SMALL MISCELLANEOUS BUILDINGS DESTROYED. ADJACENT SUPPORT AREA CONTAINS 11 BUILDINGS INCLUDING 2 MULTIWINGED AND 1 L-SHAPED (ACROSS ROAD FROM MAIN SUPPORT AREA). RAILS THROUGHOUT YARD HAVE BEEN INTERDICTED BY NUMEROUS BOMBS.</p>	1841N 10540E	0617	25X1A	128-F

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25X1A

25X1D

25X1D

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>TAM DA RR AND HWY BRIDGE OVER SONG CUA LO 7.1 NM NORTH OF VINH AIRFIELD ON ROUTE ACROSS SONG CUA LO RIVER AT 18-51N 105-39E.</p> <p>THREE-SPAN, APPROXIMATELY 450 X 25 FT, THROUGH-TYPE, REINFORCED CONCRETE AND STEEL, RAILROAD AND HIGHWAY BRIDGE IS UNSERVICEABLE WITH NORTHERN 2 SPANS IN RIVER AND ROADBED ON BOTH SIDES OF RIVER HEAVILY DAMAGED. SITE OF OLD HIGHWAY BRIDGE 400 FT WEST HAS IMPROVED ENTRANCE AND EXIT ROADS AND IS PROBABLY USED AS A SITE FOR A HEAVY PONTON BRIDGE. THREE SECTIONS OF HEAVY PONTON BRIDGE ARE OBSERVED ANCHORED WITHIN 1 NM OF BRIDGE. A 3-SECTION LIGHT PONTON BRIDGE IS IN PLACE APPROXIMATELY 1,200 FT NW OF THE DESTROYED BRIDGE. TWO SECTIONS OF THE LIGHT PONTON BRIDGE ARE SHORE-ANCHORED AND THE 3RD IS ATTACHED, BUT OPEN.</p>	1850N 10539E	0617	25X1A	158-B
<p>PHUONG CAN HWY BRIDGE OVER SONG HOANG MAI 2 NM NW OF PHUONG CAN. TWO SPANS OF BRIDGE DESTROYED. PONTON FOOTBRIDGE CROSSES RIVER APPROXIMATELY 0.5 NM EAST. FERRY CROSSING OBSERVED IMMEDIATELY WEST OF BRIDGE. NO FERRY OBSERVED.</p>	1914N 10542E	0617	25X1A	171-B

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D <div></div> <p>THANH HOA RR AND HWY BRIDGE OVER SONG MA 2.5 NM NE OF THANH HOA AT UTM WG836936. TWO-SPAN, THROUGH, STEEL-TRUSS RAILROAD AND HIGHWAY BRIDGE. APPROACHES HAVE BEEN REPAIRED AND BRIDGE IS PROBABLY CAPABLE OF SUSTAINING VEHICLES ON RAIL PORTION OF BRIDGE ONLY. RAILROAD TRACK HAS NOT BEEN REPLACED ON APPROACHES. VEHICULAR PONTON BRIDGE SEGMENTS OBSERVED ON EITHER SIDE OF THE SONG MA (RIVER), APPROXIMATELY 1,000 FT SOUTH OF THE RAILROAD AND HIGHWAY BRIDGE. RAILROAD TRACK HAS BEEN LAID ON THE WESTERN APPROACH TO THE BRIDGE. THE EASTERN APPROACH APPEARS TO HAVE BEEN LEVELED BUT TRACKS ARE NOT DISCERNIBLE.</p> <div></div>	1950N 10548E	0617	25X1A <div></div>	126-D
			25X1A <div></div>	
25X1D <div></div> <p>PORTS AND HARBORS  CAM PHA PORT FACILITIES ON GULF OF TONKIN 3 NM EAST OF CAM PHA.</p>	2102N 10722E	0615	<div></div>	106



	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	[REDACTED] FACILITIES SERVING COAL MINING INDUSTRY IN THE AREA COMPRISE A LARGE COALING QUAY WITH 4 OVERHEAD CRANES CAPABLE OF BERTHING OCEAN-GOING VESSELS, A COAL STORAGE AREA WITH 5 OVERHEAD CRANES, AND A LARGE CLASSIFICATION YARD WITH ASSOCIATED STORAGE AND MAINTENANCE FACILITIES. VESSELS -- 2 LARGE AND 2 MEDIUM FREIGHTERS AND 7 SMALL CRAFT.				
25X1D	[REDACTED] VESSELS -- NONE OBSERVED.				
25X1D	[REDACTED] VESSELS -- 2 MEDIUM FREIGHTERS.				
25X1D	[REDACTED] VESSELS -- NONE OBSERVED.				
25X1D	[REDACTED]				
25X1A	HAIPHONG CHANNEL [REDACTED] CHANNEL CONTAINS MODERATE SMALL RIVER COAST TRAFFIC. NO DREDGES, ANTI-SWIMMER NETS, OR MINES OBSERVED. VESSELS -- 4 FREIGHTERS.	2050N 10640E	0616		109-C
25X1D	[REDACTED] VESSELS -- NONE OBSERVED.				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	[REDACTED]				
25X1D	VESSELS -- 2 FREIGHTERS.				
25X1D	VESSELS -- 2 FREIGHTERS.			25X1A	
25X1A	HAIPHONG PORT FACILITIES ON SOUTH BANK OF THE CUA CAM (ESTUARY).	2052N 10642E	0616	[REDACTED]	109-D
25X1D	FACILITIES INCLUDE AN APPROXIMATELY 4,000-FT LONG WHARF (SERVED BY 17 RAMPS), NUMEROUS SMALL DOCKS AND PIERS, A SHIP REPAIR YARD WITH 4 MARINE RAILWAYS, 12 LARGE WAREHOUSES, NUMEROUS STORAGE AND SUPPORT BUILDINGS, A LARGE POL STORAGE AREA, A THERMAL POWERPLANT, AND AN ACTIVE CEMENT PLANT.				
25X1D	VESSELS -- 6 SWATOW, 2 POSSIBLE SWATOW-CLASS PGM, 7 LARGE AND 3 MEDIUM FREIGHTERS, AND 2 YP (PROBABLE WHAMPOA).				
25X1D	VESSELS -- NONE OBSERVED.				
25X1A	BEN THUY PORT FACILITIES 2.2 NM SE OF VINH ON WEST BANK OF SONG CA (RIVER) AT UTM WF750620.	1839N 10542E	0617	25X1A	128-D
	COMPLEX COMPRISES 4 STORAGE AREAS WITH APPROXIMATELY 45 STORAGE BUILDINGS (15 DESTROYED, 8 DAMAGED), A LARGE SAWMILL, AN				

CONFIDENTIAL

25X1D

25X1A

25X1D

25X1A

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>OFFSHORE WHARF, AND 1 WAREHOUSE PARTIALLY DESTROYED BY AN AIR STRIKE. THE THERMAL POWERPLANT AND RECONSTRUCTED RAIL SPUR HAVE BEEN SUBJECTED TO AN AIRSTRIKE AND ARE BOTH UNSERVICEABLE.</p> <p>VESSELS -- 1 CAPSIZED COASTAL FREIGHTER AT OFFSHORE WHARF.</p> <div></div> <p>STORAGE</p>				
<p>HAIPHONG PETROLEUM STORAGE AREA</p> <p>NW EDGE OF HAIPHONG ON SOUTH BANK OF CUA CAM (ESTUARY).</p> <div></div> <p>THREE STORAGE AREAS CONTAIN 12, 10, AND 8 VERTICAL TANKS, RESPECTIVELY. A BUNKERING PIER AND APPROXIMATELY 25 SUPPORT BUILDINGS SERVE THE AREA.</p> <div></div>	2053N 10640E	0616	25X1A	109-M
<p>VINH PETROLEUM PRODUCTS STORAGE</p> <p>3 NM EAST OF VINH AT UTM WF761644.</p> <div></div> <p>WALLED AREA CONTAINS 3 LARGE TANKS (2 DESTROYED, 1 HEAVILY DAMAGED), 5 MEDIUM TANKS (4 DESTROYED, 1 PROBABLY DAMAGED),</p>	1840N 10543E	0617		128-E

25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>6 SMALL TANKS (ALL HEAVILY DAMAGED), 2 MEDIUM UNDERGROUND TANKS, 5 HORIZONTAL TANKS, AND APPROXIMATELY 10 SUPPORT BUILDINGS.</p> <p>[REDACTED]</p>				
<p>URBAN COMPLEXES</p> <p>THAI NGUYEN COMPLEX</p> <p>[REDACTED]</p> <p>STAGING AREA HAS BEEN SUBJECTED TO AIRSTRIKES. FIVE SMALL DAMAGED BUILDINGS REMAIN. NO VEHICLE OR TRACK ACTIVITY OBSERVED.</p> <p>[REDACTED]</p>	2135N 10551E	0616	25X1A	242
<p>LANG SON COMPLEX</p> <p>AT JUNCTION OF ROUTES 1 AND 4.</p> <p>[REDACTED]</p> <p>TRANSPORTATION CENTER CONTAINS 2 RAILROAD STATIONS (LANG SON RR YD NORTH, [REDACTED] AND LANG SON RR YD MAIN, [REDACTED] A RAILROAD/HIGHWAY BRIDGE, AND A MILITARY BARRACKS AREA (LANG SON ARMY BARRACKS, [REDACTED] SEE NPIC TARGET NO 0616-119-C).</p> <p>[REDACTED]</p>	2151N 10645E	0616		119

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25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<div data-bbox="129 976 831 1117"></div> <p>THANH HOA COMPLEX</p> <div data-bbox="129 1123 406 1176"></div> <p>COMPLEX, 1 SQ MI IN AREA, CONTAINS A RAILROAD YARD, SEVERAL SMALL LIGHT INDUSTRIES, AND SEVERAL SMALL BARRACKS AREAS.</p> <div data-bbox="129 1249 893 1732"></div>	1948N 10546E	0617	25X1A	126
25X1A					
25X1D					

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## APPENDIX

### COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A

and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

### COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Over-head Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

### PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

### CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); S (snow); PC (partial coverage); O (obliquity); and PQ (poor image quality).

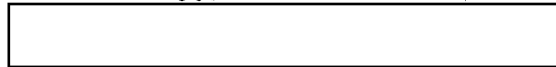
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